



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

26450

MEMORANDUM

3/5/90

DATE: 3-5-90

SUBJECT: Conclusion of CERCLA Preremedial Work at
Site Name: ATLANTIC STEEL
EPA ID #: GAD003326477

FROM: Narindar M. Kumar, Chief
South Unit
Site Assessment Section
Waste Programs Branch

N.M. Kumar

KENT WILLIAMS
TO: Unit Chief (FL/GA)
Waste Engineering Section
RCRA and Federal Facilities Branch

This is to inform you that we have recently concluded our CERCLA preremedial work at the subject site. Due to the RCRA status of the site, no further remedial action is currently planned under CERCLA authorities. However, if you determine that the RCRA status of this site has changed, or if the responsible party is unwilling or unable to pay for the necessary corrective action, please inform us and we will reactivate our investigation of the site.

cc: Site File

REGION: 04
STATE : GA

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE
C E R C L I S V 1.2

PAGE: 62
RUN DATE: 04/13/87
RUN TIME: 15:45:45

M.2 - SITE MAINTENANCE FORM

		* ACTION: _	*
EPA ID : GAD003326477			
SITE NAME: ATLANTIC STEEL CO	SOURCE: H	* _____	*
STREET : 1300 MECASLIN ST NW	CONG DIST: 06	* _____	*
CITY : ATLANTA	ZIP: 30318	* _____	*
CNTY NAME: FULTON	CNTY CODE : 121	* _____	*
LATITUDE : 33/47/42.0	LONGITUDE : 084/27/06.0	* _/_/_.	*
LL-SOURCE: R	LL-ACCURACY:	* _	*
SMSA : 0520	HYDRO UNIT: 03130002	* _____	*
INVENTORY IND: Y	REMEDIAL IND: Y	REMOVAL IND: N	FED FAC IND: N
NPL IND: N	NPL LISTING DATE:	NPL DELISTING DATE:	
SITE/SPILL IDS:		* _ _ _ _	*
RPM NAME:	RPM PHONE: - -	* _____	*
SITE CLASSIFICATION:	SITE APPROACH:	* _	*
DIOXIN TIER:	REG FLD1:	REG FLD2: 1	* _
RESP TERM: PENDING ()	NO FURTHER ACTION ()	* PENDING ()	NO FURTHER ACTION ()
ENF DISP: NO VIABLE RESP PARTY ()	VOLUNTARY RESPONSE ()	* _	*
ENFORCED RESPONSE ()	COST RECOVERY ()	* _	*
SITE DESCRIPTION:		* _____	*
		* _____	*
		* _____	*
		* _____	*

REGION: 04
STATE : GA

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE
C E R C L I S V 1.2

PAGE: 63
RUN DATE: 04/13/87
RUN TIME: 15:45:45

M.2 - PROGRAM MAINTENANCE FORM

SITE: ATLANTIC STEEL CO

EPA ID: GAD003326477 PROGRAM CODE: H01 PROGRAM TYPE:

PROGRAM QUALIFIER: ALIAS LINK :

PROGRAM NAME: SITE EVALUATION

DESCRIPTION:

* ACTION: _

* _ *

* _ *

* _ *

* _ *

* _ *

* _ *

REGION: 04
STATE : GA

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE
C E R C L I S V 1.2

PAGE: 64
RUN DATE: 04/13/87
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M.2 - EVENT MAINTENANCE FORM

* ACTION: _

SITE: ATLANTIC STEEL CO
PROGRAM: SITE EVALUATION

EPA ID: GAD003326477 PROGRAM CODE: H01 EVENT TYPE: DS1

FMS CODE: EVENT QUALIFIER : EVENT LEAD: E

EVENT NAME: DISCOVERY STATUS:

DESCRIPTION:

* _ _ _ _ _ *

* _ _ _ _ _ *

* _ _ _ _ _ *

* _ _ _ _ _ *

* _ _ _ _ _ *

ORIGINAL	CURRENT	ACTUAL
START:	START:	START:
COMP :	COMP :	COMP : 08/01/80

* _/_/_/_ _/_/_/_ _/_/_/_ *

* _/_/_/_ _/_/_/_ _/_/_/_ *

HQ COMMENT:

* _ _ _ _ _ *

RG COMMENT:

* _ _ _ _ _ *

COOP AGR # AMENDMENT # STATUS STATE %

0

* _ _ _ _ _ *

REGION: 04
STATE : GA

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE
C E R C L I S V 1.2

PAGE: 65
RUN DATE: 04/13/87
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M.2 - EVENT MAINTENANCE FORM

* ACTION: _

SITE: ATLANTIC STEEL CO
PROGRAM: SITE EVALUATION

EPA ID: GAD003326477 PROGRAM CODE: H01

EVENT TYPE: PA1

FMS CODE: EVENT QUALIFIER :

EVENT LEAD: S

* _

EVENT NAME: PRELIMINARY ASSESSMENT

STATUS:

* _

DESCRIPTION:

* _

* _

* _

* _

ORIGINAL

CURRENT

ACTUAL

START:

START:

START: 03/01/85

* _/_/_

//_

* _/_/_

COMP :

COMP :

COMP : 03/01/85

* _/_/_

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HQ COMMENT:

* _

RG COMMENT:

* _

COOP AGR #

AMENDMENT #

STATUS

STATE X

0

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REGION: 04
STATE : GA

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE
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PAGE: 66
RUN DATE: 04/13/87
RUN TIME: 15:45:45

M.2 - COMMENT MAINTENANCE FORM

SITE: ATLANTIC STEEL CO

EPA ID: GAD003326477

COM
NO COMMENT

001 PART A- ON FILE

ACTION

* -
*

*
*



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
GA D003326477

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Atlantic Steel Company		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 1300 Mecaslin Street NW			
03 CITY Atlanta	04 STATE GA	05 ZIP CODE 30318	06 COUNTY Fulton	07 COUNTY CODE 121	08 CONG DIST 5
09 COORDINATES LATITUDE 33° 46' 48.0"		LONGITUDE 084° 24' 12.0"			
10 DIRECTIONS TO SITE (Starting from nearest public road) From the intersection of I-75 and 10th Street (Atlanta, GA), travel west on 10th Street to Techwood Drive, travel north to 14th Street, go west to Mecaslin Street. Go north on Mecaslin Street into Atlantic Steel's property.					

III. RESPONSIBLE PARTIES

01 OWNER (If known) Atlantic Steel Company		02 STREET (Business, mailing, residential) P. O. Box 1714, 1300 Mecaslin Street NW			
03 CITY Atlanta	04 STATE GA	05 ZIP CODE 30318	06 TELEPHONE NUMBER (404) 875-3441		
07 OPERATOR (If known and different from owner) Same		08 STREET (Business, mailing, residential)			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER ()		
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) <input checked="" type="checkbox"/> A. RCRA 3001 DATE RECEIVED: <u>08/15/80</u> <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: ____/____/____ <input type="checkbox"/> C. NONE MONTH DAY YEAR MONTH DAY YEAR					

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE <u>06/18/84</u> <input type="checkbox"/> NO MONTH DAY YEAR		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____			
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION BEGINNING YEAR <u>1901</u> ENDING YEAR <u>Present</u> <input type="checkbox"/> UNKNOWN			
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED Lead, cadmium and chromium constituents from emission control dust (K061)					
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION Potential groundwater and soil contamination.					

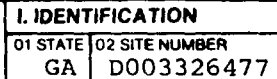
V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents) <input type="checkbox"/> A. HIGH (Inspection required promptly) <input type="checkbox"/> B. MEDIUM (Inspection required) <input type="checkbox"/> C. LOW (Inspect on time available basis) <input checked="" type="checkbox"/> D. NONE (No further action needed, complete current disposition form)			
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VI. INFORMATION AVAILABLE FROM

01 CONTACT J. B. Hawkins		02 OF (Agency/Organization) Atlantic Steel Company		03 TELEPHONE NUMBER (404) 875-3441	
04 PERSON RESPONSIBLE FOR ASSESSMENT Charles P. Evans		05 AGENCY DNR	06 ORGANIZATION EPD-RAU	07 TELEPHONE NUMBER (404) 656-7404	08 DATE <u>01 05 85</u> MONTH DAY YEAR

NERAP 3-1-85

[illegible]



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
GA D003326477

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

NA

01 ☐ K. DAMAGE TO FAUNA 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (include name(s) of species)

NA

01 ☐ L. CONTAMINATION OF FOOD CHAIN 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

NA

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
(Spills, runoff, standing liquids, leaking drums)
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

NA

01 ☐ N. DAMAGE TO OFFSITE PROPERTY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

NA

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

NA

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

NA

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

NA

III. TOTAL POPULATION POTENTIALLY AFFECTED: 8,000

IV. COMMENTS

V. SOURCES OF INFORMATION (Give specific references, e.g., state files, sample analysis, reports)

GA EPD Files



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
GA D003326477

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☒ B SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☒ C CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ D FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ E DIRECT CONTACT 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Unknown

01 ☒ F CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: _____ (Acres) 04 NARRATIVE DESCRIPTION

Potential contamination of soil from storage of baghouse dust piles.

01 ☐ G DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☒ H WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Unknown

01 ☒ I POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: Unknown 04 NARRATIVE DESCRIPTION

SITE SUMMARY
ATLANTIC STEEL COMPANY
ATLANTA, GEORGIA
GAD003326477

A. HISTORY OF THE SITE

The company began operation at its present location in 1901. At that time their operations consisted of taking finished steel and processing it into consumer products, i.e. barrel hoops. In 1920 the company shifted to the production of steel by the open hearth method. This continued until 1955 when the company converted to an electric arc furnace. With the addition of air emission control equipment in 1964, the baghouse dust was collected instead of being disbursed into the atmosphere. Until 1981 this dust was removed by commercial waste handling firms and disposed of in unknown locations.

B. NATURE OF HAZARDOUS MATERIAL

A by-product of the production of steel by an electric arc furnace is a fly ash dust which may contain hazardous levels of lead, cadmium, and chromium. An estimated volume of dust on-site at one time totalled 14,520 cubic yards. The waste was stored in a storage pile but has since been sold for reclamation. The residual amount remaining on the surface is unknown.

C. DESCRIPTION OF HAZARDOUS CONDITIONS, INCIDENTS, PERMIT VIOLATIONS

With the addition of air emission control equipment in 1964 the facility began to collect 4,000 - 5,000 tons/yr. of baghouse dust (K061) from the electric furnace production of steel. The past storage of this dust is now suspect in the elevated levels of metals in groundwater presently at the site. The facility is in compliance with applicable air quality regulations.

D. ROUTES OF CONTAMINATION

The two routes of contamination are groundwater from past storage of K061 waste and, in the past, air from fugitive emissions of furnace dust.

E. POSSIBLY AFFECTED POPULATION AND RESOURCES

Groundwater - Urbanization of the area makes groundwater use unlikely. The population within a one mile radius is an estimated eight thousand people. The area is served by the City of Atlanta Municipal Water System.

F. RECOMMENDATIONS AND JUSTIFICATIONS

"No priority" for Site Inspection is recommended as any prior release will be regulated by the Georgia Hazardous Waste Management Act (RCRA).

G. REFERENCE TO SUPPORTING DATA

1. 7.5 Minute (Topographic) Map, Northwest Atlanta, Georgia quadrangle.
2. GA EPD Industrial and Hazardous Waste Management Program Files.
3. Part A Permit Application, Atlantic Steel Company, dated December 10, 1980.
4. Phone conversation, with J. B. Hawkins, Environmental Supervisor, Atlantic Steel Company, Atlanta, Georgia.
5. Resource Conservation Program and Action Plan, Fulton County Soil and Water Conservation District, 1981.

CPE/mcw033

